34 41 120

Removing and installing / replacing both handbrake Bowden cables



## Special tools required:

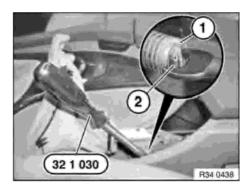
32 1 030



Necessary preliminary tasks:

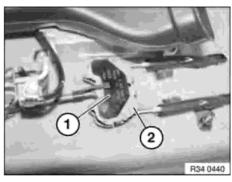
- · Remove center console
- · Remove rear brake disks
- Remove exhaust system.
- · Remove heat shield.

After completing tasks, adjust handbrake.



Lock adjuster unit (ASZE).

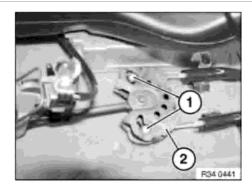
Using special tool 32 1 030, press stop (1) of adjusting spring back to such an extent that retaining hook (2) engages in stop (1).



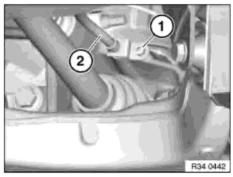
Unclip mounting clip (1) upwards out of balance arm (2).

RA Removing and installing / replacing both handbrake Bowden cables Issue status (12/2007) Valid only until next DVD is issued

BMW AG - TIS Copyright 16.11.2010 00:11 Page -1-



Guide handbrake Bowden cables (1) with a screwdriver inwards and pull out of balance bar (2).

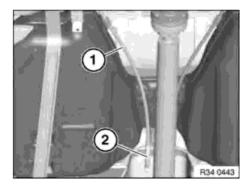


Disconnect handbrake Bowden cables at expander locks. Release screw (1) and remove bracket.

Installation:

Tightening torque 34 41 5AZ .

Pull handbrake Bowden cables (2) out of wheel carrier.



Disconnect handbrake Bowden cables (1) out of mountings.
Pull handbrake Bowden cables (1) out of guide (2) and remove.

RA Removing and installing / replacing both handbrake Bowden cables Issue status (12/2007) Valid only until next DVD is issued

BMW AG - TIS Copyright 16.11.2010 00:11 Page - 2 -

# 51 16 200

## Removing and installing storage compartment

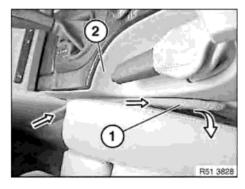


Necessary preliminary tasks:

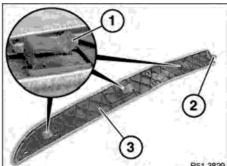
- Remove trim for storage compartment
- Remove rear compartment fresh air grille
- · If necessary, remove USB/AUX connecting socket

Version with rear console:

· Remove rear console

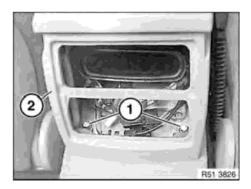


Lever out trims (1) on left/right at rear end and pull out of storage compartment in direction of arrow.



## Installation:

Retainers (1) and guide (2) on trim (3) must not be damaged or missing.

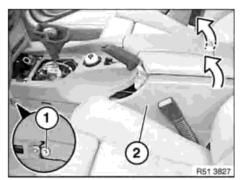


Release screws (1) on storage compartment (2). If necessary, unlock plug connections.

RA Removing and installing storage compartment Issue status (12/2007) Valid only until next DVD is issued BMW AG - TIS Copyright 16.11.2010 00:14 Page - 1 -



Build date from 03/2007: Release screws (1).

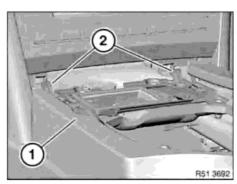


Remove gaiter for handbrake lever.

Release screw (1) on left/right.

Raise storage compartment (2) at rear and disconnect plug connections under storage compartment (2).

Feed out storage compartment (2) in direction of arrow over handbrake lever and gear lever and remove towards rear.



Build date up to 03/2007:

Installation:

Do not damage guides (2) when feeding storage compartment (1) in.

RA Removing and installing storage compartment Issue status (12/2007) Valid only until next DVD is issued BMW AG - TIS Copyright 16.11.2010 00:14 Page - 2 - 34 21 320

Removing and installing or replacing both rear brake discs



#### Special tools required:

• 34 1 280



Necessary preliminary tasks:

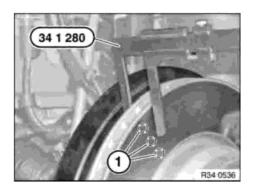
- Remove wheels
- · If necessary, remove and clean brake linings

E65 and E66: Release parking brake (pushbutton to left of steering wheel).

After completing work:

- Adjust handbrake (not for E65 and E66)
- Read and comply with notes on braking in new brake discs / brake pads.

Observe safety instructions on raising the vehicle.



Check minimum brake disc thickness:

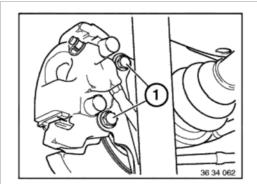
- Position special tool 34 1 280 at three measuring points in area (1) and measure.
- Compare measurement result and lowest value with setpoint

New brake linings may only be installed if the brake disc thickness is greater than or equal to the minimum brake disc thickness (MIN TH). Always replace brake discs in pairs.

If the brake discs are replaced, you must also fit new brake linings.

RA Removing and installing or replacing both rear brake discs Issue status (12/2007) Valid only until next DVD is issued

BMW AG - TIS Copyright 16.11.2010 00:15 Page - 1 -



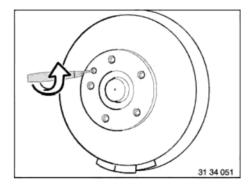
Note:

Release screws (1), remove brake caliper and tie up.

Brake hose remains connected.

Installation:

Tightening torque 34 21 3AZ .



Unscrew bolts and take off brake disc.

Installation:

Tightening torque 34 21 1AZ .

Clean contact surface of brake disc at wheel hub thoroughly and remove traces of corrosion if necessary. Unevenness on contact surface may result in distortion of brake disc!

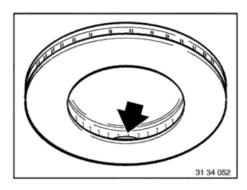
## Important!

To release brake disc: Do not under any circumstances strike friction ring with a hammer or similar! If necessary, carefully tap on base of brake disc chamber with a rubber mallet.



Internally ventilated brake discs are balanced.

Never remove or reposition balance clips.



RA Removing and installing or replacing both rear brake discs Issue status (12/2007) Valid only until next DVD is issued

BMW AG - TIS Copyright

16.11.2010 00:15 Page - 2 -